

ABSTRACT OF THE DISCLOSURE

An image forming section forms a visible on a charged surface of an image bearing body. A transfer section transfers the visible image onto a recording medium. A fixing unit fixes the visible image on the recording medium. A temperature detecting section outputs a signal indicative of a temperature of the image bearing body. A controller performs a cooling operation in which the temperature of the image bearing body is lowered when the signal is higher than a first predetermined value. When the controller performs the cooling operation, the controller turns on and off the heater of the fixing unit with a first duty cycle. When the controller does not perform the cooling operation, the controller turns on and off the heater of the fixing unit with a second duty cycle higher than the first duty cycle.